

## USER MANUAL

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*Goldmund MIMESIS 30 UNIVERSAL PREAMPLIFIER*



Congratulations.

Thank you for purchasing the Goldmund Mimesis 30.

You have acquired the best multi-usage Preamplifier ever made for professional and domestic uses. Please take some time to read this manual. It may provide you with useful information to make your pleasure of listening to the Mimesis 30 even higher.

## *INTRODUCTION*

### *The GOLDMUND MIMESIS 30 UNIVERSAL Preamplifier*

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Goldmund was founded in 1978 and has ever since been dedicated to the accurate reproduction of sound and image.

At Goldmund, we strive to lead in the creation, development and manufacture of the industry's most advanced technologies, including audio and video systems, home - networking and music distribution.

The guiding principle at Goldmund is to produce a precise sound with the least possible loss of quality through the different stages. Goldmund will never adopt a technology before it is sufficiently developed to satisfy the high quality standards we set. This is why Goldmund has often rejected mainstream technologies and developed its own.

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W A R N I N G



This high quality controller possesses new technical features which are necessary for accurate multi-channel processing of today's best Audio Multi-channel signals.

**Only careful use can provide all the satisfaction you are expecting.**

All handling must be performed according to the following instructions to avoid impairing the preamplifier's performance.

Nevertheless, if the instructions are perfectly carried out, you will notice that the use of the GOLDMUND MIMESIS 30 is quite simple and convenient.

**IMPORTANT**

PLEASE DO NOT CONNECT ANY CABLES OR MOVE ANY PARTS BEFORE READING THE FOLLOWING INSTRUCTIONS.

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*Goldmund MIMESIS 30 UNIVERSAL PREAMPLIFIER*

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# 1

## 1.1

# SETTING UP THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

## PRELIMINARIES

Please read the following instructions very carefully. This high-precision unit will provide the best digital signal possible to your digital-input power amplifiers thanks to its unique technology.

For exacting technicians, musicians, and all amateurs who demand the very best in musical reproduction, we strongly recommend the use of top quality amplifiers with a digital input, since most of the digital signal performance delivered by the Mimesis 30 can be eroded by using lower quality amplifiers or D/A converters.

The connection between the analog and digital sources and the preamplifier, as well as between the Mimesis 30 and the power amplifiers are critical. Ultra low reflection interconnect cables are absolutely mandatory in analog and precise impedance SPDIF cables in digital to keep the time integrity that the best systems may provide. In all typical cases Goldmund recommends using the special Goldmund Lineal interconnect and digital cables.

# 1

## 1.2

### SETTING UP THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

#### UNPACKING

You will find in the package:

- ☐ the Controller itself,
- ☐ the power cord,
- ☐ the remote control,
- ☐ this owner's manual.

Unpack the above-mentioned parts carefully.  
Keep all packaging for future use.

#### **WARNING**

IF YOU NEED TO RETURN THE MIMESIS 30 TO THE FACTORY OR TO YOUR LOCAL REPRESENTATIVE FOR A WARRANTY REPAIR, **PLEASE NOTE THAT IT MUST BE REPACKED IN THE ORIGINAL PACKAGING.**

THIS PACKAGING HAS BEEN DESIGNED SPECIFICALLY TO PROTECT YOUR MIMESIS 30 IN TRANSIT. USE OF ALTERNATIVE PACKAGING IS LIKELY TO RESULT IN DAMAGE, INVALIDATING WARRANTY COVER.

# 1

## 1.3

### SETTING UP THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

#### CHOICE OF THE MIMESIS 30 LOCATION

Select a very rigid support, as required for your CD player transport.

The distance between the Mimesis 30 and the power amplifiers is usually not critical since the signal is carried in the digital domain. However, you must use coaxial links of highest quality such as the Goldmund Lineal in order to maintain the time accuracy of the signal. The Goldmund Lineal cables have been designed to maintain this accuracy and are highly recommended, especially for long distances. For some high impedance output analog sources, a short distance to the Preamplifier is mandatory.

If you want to achieve the best possible sonic result, select a position on a shelf or on a piece of furniture where the Preamplifier is isolated from vibrations of mechanical components, including the CD transport itself.

You must also be careful to locate your Mimesis 30 in a very well ventilated location. When powered on, the Mimesis 30, as all high quality electronic equipment, generates a significant amount of heat, which has to be evacuated by natural ventilation.

For the same reason, it is perfectly normal that, after few hours of operation, your Mimesis 30 gets quite hot.

# 1

## 1.4

## SETTING UP THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### POWER SUPPLY

The Goldmund Mimesis 30 uses multiple power supplies developed by Goldmund to provide totally separate voltage to each part of the digital and analog circuitry.

Your power supply has been set to operate with the mains voltage of your area. Check on the power supply voltage switch if there is any doubt. If you move after purchasing the preamplifier to an area using a different AC mains voltage, you can change the voltage yourself or consult your local Goldmund dealer for assistance.

The power supply unit tolerates both 50 & 60 Hz mains.

## 1.5

## FIRST INSTALLATION AND CONNECTIONS

### POWER CONNECTION

Plug the AC power cord to the power supply and into a wall socket.

The Preamplifier is and remains on power as soon as the power switch located on the back panel is turned on. For best sonic results, Goldmund recommends to leave the unit powered on permanently.

The unit has a standby position that can be activated by pressing the front panel key marked "CTRL" first, then without releasing it, the "MUTE" key. A repetition of the same operation brings the unit back to normal functioning.

When the machine is in standby mode the front panel Led controls are off except the red STBY Led, but the circuitry remains connected as long as the power supply switch is not turned off.

When turned ON by the back panel power switch, the unit performs a self test run via its internal software, then a software routine successively test the modules inside the machine. If any abnormal functioning is detected, it is displayed on the front panel.



# 1

## 1.5

### SETTING UP THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

#### FIRST INSTALLATION AND CONNECTIONS

##### COMPUTER CONFIGURATOR

The Mimesis 30 is so versatile that the configurations in which it can be used are limitless. In order to set the unit to work in your own configuration, a Windows configurator is available on our web site. The installer or dealer who is setting up the machine must download this program in any Windows compatible machine and run it to describe the environment in which the machine will be used. A serial cable (null-modem type) linking the computer with the Mimesis 30 will be used to download the resulting configuration into the Mimesis 30. The Configuration software is provided with a small "Readme" file which explains its functions.

##### SOURCES CONNECTION

Connect the analog sources or tape machines to the back panel analog inputs and the digital sources to the digital inputs of the Goldmund Mimesis 30, using the RCA input connectors for analog sources and the choice of RCA for SPDIF, XLR for AES-EBU or optical for the digital sources.

The inputs are numbered on the back panel. The digital tape output is separated.

The first analog inputs (ANA IN1) are switchable for 2-channel or 6-channel input to connect SACD players or DVD Audio players.

Connect your favorite 2-channel analog sources to ANA IN2 and ANA IN3 (corresponds to key 5,6,7 on the front panel).

If you use analog tape machines, their analog output can be connected to any of the available inputs. The Computer configurator of the Mimesis 30 will allow you to dedicate any input to a tape machine and automatically avoid the input-output loop accordingly.

Digital inputs are numbered from DIG IN 1 to DIG IN 4 (corresponds to keys 1 to 4 on front panel). Digital tape machines may be connected to one or more specific output zones as defined in the Computer Configurator.

The DIG IN 1, DIG IN 2 and DIG IN 3 digital inputs offer two different connector standards. Only one must be used per input, but both work equally well.

## 2

### 2.1

## OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### FRONT PANEL KEYBOARD FUNCTIONS

#### STANDBY FUNCTION

The Standby state can be activated by pressing the front panel key marked "CTRL" first, then without releasing it, the "MUTE" key. A repetition of the same operation brings back the unit to normal functioning.

When the machine is in standby the front panel Led controls are off except the red "STBY" Led, but the circuitry remains connected as long as the power supply switch is not turned off. In Standby, all local zone outputs are muted.

#### INPUT SOURCE SELECTION FOR THE LOCAL ZONE

The back panel inputs are selected by pressing the front panel keys from 1 to 7. The first left 4 keys are for digital inputs, the 3 right keys for analog inputs.

When a digital input has been selected, the corresponding key will light in flashing green until the digital source has locked to the source frequency.

#### INPUT SOURCE SELECTION FOR OTHER ZONES

The zone selection is made by pressing the "Mode" key until the Zone Led glows, then by turning the left knob. The selected zone appears on the 2 digits of the display.

Browse the existing zones (Zone creation is made in the configurator program during the initial machine installation).

When you have reached the zone you want to change the input for, select it by pressing the "MODE" key and then select the input using the 7 channel keys, as for the local zone.

The back panel inputs are selected by pressing the front panel input keys.

To deselect the input playing in the zone selected, press the "MUTE" key.

When a digital input has been selected, the corresponding key will light in flashing green until the digital source has locked to the source frequency.

In Zone selection Mode, the zone number display may show a "-" which means it is currently using the decoder.

## 2

### 2.1

## OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### FRONT PANEL KEYBOARD FUNCTIONS

#### **RECORDING SOURCE SELECTION**

Any source can be selected to be recorded independent of the source which is played (it can be the same or a different one).

To select the source that will be recorded, first press the "MODE" key until all the red Leds on the input keys are flashing. Then press the input key corresponding to the source you want to record. The record signal is available from the "Tape Out" jack on the rear panel.

#### **DIRECT OUTPUT SOURCE SELECTION**

One of the sources may be sent directly to the direct out jack without attenuation. To select the input press the "MODE" key until the "DIRECT" Led shows on the front panel. Then press one of the input keys to select the input for that mode. Press the "MODE" key again to register it.

#### **OUTPUT VOLUME ADJUSTMENT**

The level control may be adjusted manually or by remote control. It acts only on the Local zone and for all channels simultaneously if the unit is playing a multi-channel source.

#### **BALANCE ADJUSTMENTS**

To adjust the various speaker balances in multi-channel or stereo, press the "BALANCE" or "ENTER" key and turn the left knob to select which balance to adjust. In stereo only the Right-Left balance can be adjusted, so the left button has no action.

Adjust the selected balance using the right knob.

To deselect the Balance Mode, press again the "BALANCE" or "ENTER" key.

#### **MUTING**

To mute the preamplifier output, press the "MUTE" key. The same operation repeated brings back the preamplifier to normal operation.

## 2

### 2.1

## OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### FRONT PANEL KEYBOARD FUNCTIONS

#### MODE SELECTION

Depending on the capabilities of the source you have selected to listen in the local Zone, several modes may be accessible. A stereo source supports different playback modes than a DVD, for example.

#### THE LED DISPLAY SHOWS YOU 3 DIFFERENT KIND OF INFORMATION

- the coding existing on the present source (DTS, Dolby, AAC)
- the number of input source channels
- the G2, G6 or G8 output formats which are preconfigured in the Computer configurator for your room speakers.

The left knob allows you to browse directly the possible modes available for the source you have selected.

When you reach the mode you want to select, press the "MODE" key to select it. The playback will be changed accordingly.

#### THE SETUP MENU FUNCTIONS

Your Mimesis 30 may be personalized thanks to the Menu Functions.

Your personal choice for each Menu Function is kept in machine memory even if the machine is disconnected from power.

## 2

### 2.1

## OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### FRONT PANEL KEYBOARD FUNCTIONS

#### TO ENTER THE MENU FUNCTION SELECTION

Press "CTRL" and, without releasing it, press the "MODE" key. You are entering the Menu mode.

Press the "REC/MENU" key until you reach the Menu Function you want to modify.

The existing **Menu Functions** (in the software release 1) are the following:

- **Display Time:** To select the display temporary or permanent, use the temporary time adjustment. Select one of the 5 second internal times (05(s) - 30(s)) for temporary display. 00 indicates a permanent display.

#### TO LEAVE THE MENU FUNCTION SELECTION

- To leave the Menu function, press the "MODE" key.
- If you leave the controller unattended for 10 seconds, it will also automatically return to normal operation.

# 2

## 2.2

### OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

#### REMOTE-CONTROL

Your Mimesis 30 has built-in remote-control for volume, balance and input selection.

The Mute circuit can also be controlled using the remote. To mute or de-mute the Mimesis 30 with the remote, press the "MUTE/STBY" key briefly.

To put the Mimesis 30 in Standby mode, press the "MUTE/STBY" key continuously until the Mimesis 30 goes to Standby, indicated by the Standby Led on the front panel.

The remote control is used for controlling only the local zone.

The SCREEN and LIGHT keys will be used in future applications.

The VOL+ and VOL- are adjusting the global volume of the local zone.

The 4 balance keys (diamond configuration) are controlling the right/left and front/rear balance directly, maintaining a constant global volume.

The 1 to 7 keys are selecting the source to listen.

MODE key: selection of a mode for adjustment of the format and menu functions.

CALIB key: Lights the leds selecting the remote red-inscribed functions, to adjust the level of center and Subwoofer channels when in multi-channel operation. To deactivate, press the CALIB key again.

TEST: activates the pink noise.

In the Test mode:

- Use the balance RIGHT and LEFT keys of the "diamond" to select one channel at a time. The balance front and rear keys are used for adjusting the selected speaker level.
- The IN4 key makes all speakers play the pink noise together.
- The IN1 key returns the pink noise only to the selected speaker.
- The IN3 key stops the pink noise from all speakers.
- The IN2 key is a toggle switch for the pink noise on the selected speaker.

The corresponding keys of the Mimesis 30 front panel provide the same functions.

## 2

### 2.2

## OPERATING THE MIMESIS 30 UNIVERSAL PREAMPLIFIER

### REMOTE-CONTROL

In the TEST mode, Leds of the front panel indicate the speaker selection:

In Multi-channel mode, this is the meaning of the Leds:

- MODE and BALANCE (ENTER) on: indicates a Front selection
- CTRL and MUTE on: indicates a Rear selection
- IN2 on: means a left speaker (either front or rear)
- IN6 on: means a right speaker (either front or rear)
- IN4 on: Front or Rear Center
- IN3+IN4+IN5+MODE+BALANCE(ENTER)+CTRL+MUTE: Subwoofer

In 2-Channel mode:

- IN2 led on: Left channel
- IN6 led on: Right channel

The Mimesis 30 can be controlled by any RC5 coded remote-control emitter. The codes are available upon request.

Most of the programmable transmitter units available have the capabilities to drive the Mimesis 30 as a standard digital preamplifier, for all the specified functions.

### CLEANING

Always disconnect the power cord from the wall socket before cleaning your Preamplifier.

To clean the external metal of the Preamplifier, always use a clean, soft, damp cloth. Dampen with water or a mild detergent solution. Avoid abrasive or harsh cleansers (eg. products containing sodium carbonate).

The identification plates are gold plated. Simply clean them with a soft cloth, without any chemical solution.

## TECHNICAL DATA

### INPUTS AND TAPE CONFIGURATION

- 1 analog 6-channel / 2-channel input.
- 2 analog 2-channel inputs.
- 4 digital inputs (1 x RCA / ATT optical, 1 x RCA / XLR, 1 x RCA / Toslink optical, 1 x RCA). Any one can be selected to receive multi-channel encoded signal by the software configurator.
- 1 analog tape loop with tape inputs using any input channel. Separate recording loop allowing a source selection for listening independently from the source recorded.

### DIGITAL OUTPUTS

- 8 Digital RCA SPDIF outputs with 2 channels for each.
- Front panel and remote-control adjustable level control with more than 102 dB range and 0.2dB accuracy in the 0->-50dB range.

### REMOTE CONTROL

- RC5 Standard remote system compatible with standard programmable remote control transmitter (codes available on request).
- Volume and balance control.
- Selection of the source.
- Remote Muting and Standby.
- Calibration and test tone.
- Individual Led input display controls.

### FRONT PANEL CONTROLS

- 11 keys for all machine functions including the menu controls.
- Individual Led input display controls.
- Direct Led format, balance and function display.
- 2 characters numeric display.



# 3

## TECHNICAL DATA

### POWER SUPPLY

- 3 separate transformers.
- 6 separately regulated power supplies.
- Nominal AC line voltage: 117 V or 234 V.
- Input voltage range: +/- 15%.
- Maximum power consumption: 55 W.

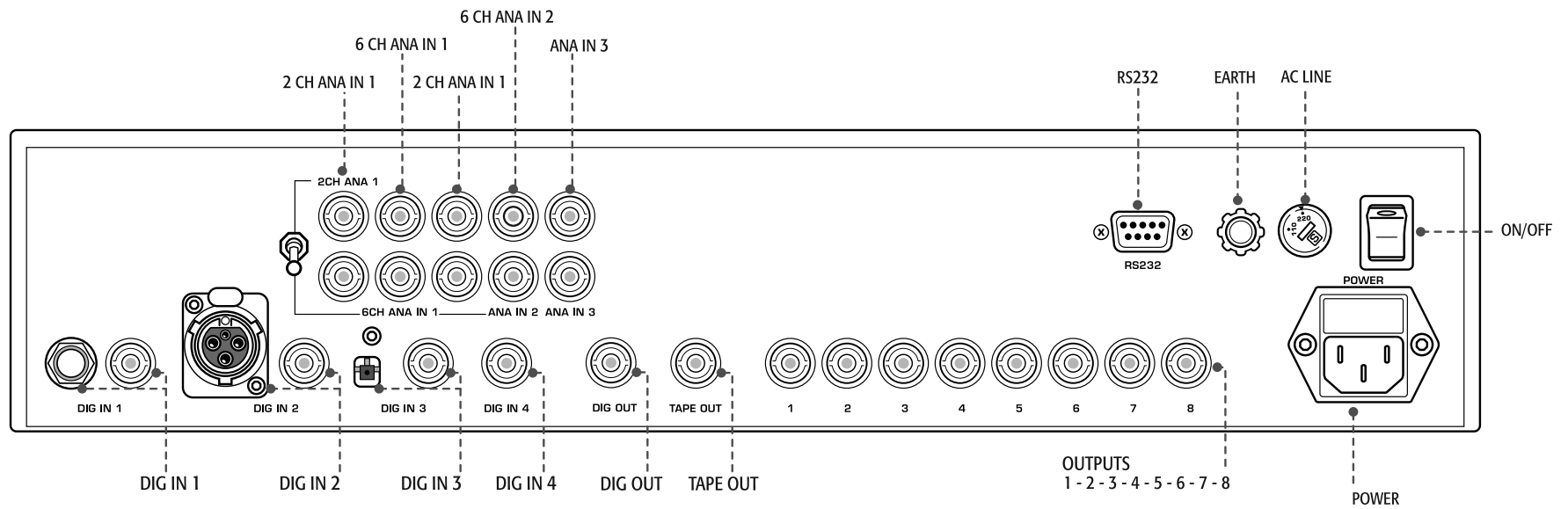
### SIZE AND WEIGHT

- 44 cm W x 38 cm D x 9 cm H.
- 12 kg.

### WARRANTY

- 3 years parts and labor.

## SCHEMA



GOLDMUND MIMESIS 30 UNIVERSAL PREAMPLIFIER | Back Panel